[0012]   SDM - System Definition Model. SDM is a model (of DSI) that is used to create definitions of distributed systems. ~~For details, see~~ [http://www.microsoft.com/windowsserversystem/dsi/sdm.mspx.]

[00~~13~~] *(55)*   SSL – Secure Sockets Layer.

[00~~14~~] *(56)*   VCPU - Virtual CPU.

[00~~15~~] *(57)*   Virtual Data Center - a consolidation of virtual servers.

[00~~16~~] *(58)*   VPN – Virtual Private Network.

[0017]   VT - Vanderpool Technology. A key Intel processor technology described briefly at recent Intel Developers Forums. ~~For details, see~~ [http://www.intel.com/pressroom/archive/releases/20030916corp.htm and http://www.xbitlabs.com/news/cpu/display/20030918034113.html.]

On pp. 41-42 replace paragraph [0208] as follows:

[0018]   Rather than the derivation based on the (PAE, x64) evolution of the page table hierarchy defined by the Intel IA32 and EM32T architecture, the ultravisor system of the invention uses a hierarchy of page sizes always based on powers of 2^{10}. Figure 7 shows the first 4 scales of immediate interest to the ultravisor system. The higher scales accommodate continued Moore's law growth in system memory sizes. The Page Table and Page Entry columns propose a normalized nomenclature for referencing the page size hierarchy. The Intel nomenclature is included as a point of reference, although in PAE mode the scales are not an exact match. ~~A standard definition of "Prefixes for binary multiples" may be found at~~ [http://physics.nist.gov/cuu/Units/binary.html] ~~which was defined in December, 1998.~~ Throughout this specification, the standard SI prefixes refer to base-two definition $\{(2^{10})^n\}$ rather than the decimal definition $\{(10^3)^n\}$.

Please amend the specification as follows:

On page 7 replace Paragraphs [0034]-[0040] as follows:

[0001]   ADS - Automated Deployment System. It is designed to provide 'zero-touch' provisioning of server hardware. Naturally, this can also provision virtual server hardware. ~~See~~ [http://www.microsoft.com/windowsserver2003/technologies/management/ads/default.mspx] ~~for details.~~

[00<u>35</u>]   ATA – AT Attachment (for low cost disks).

[00<u>36</u>]   CMP – Cellular Multi-Processing.

[0004]   DMZ - De-Militarized Zone. This is a typical perimeter zone between the Internet and an intranet. ~~See~~ [http://www.webopedia.com/TERM/D/DMZ.html] ~~for details~~.

[00<u>38</u>]   DNS – Domain Name System (TCP mechanism for mapping host names to network addresses).

[0006]   DSI - Dynamic Systems Initiative. ~~For details, see~~ [http://www.microsoft.com/windowsserversystem/dsi/dsiwp.mspx.]

[0007]   EFI - Extensible Firmware Interface. The EFI specification defines a new model for the interface between operating systems and platform firmware. ~~For details, see~~ [http://www.intel.com/technology/efi and http://www.intel.com/technology/framework/.]

On page 8 replace Paragraphs [0050]-[0059] as follows:

[0008]   PCI - Short for Peripheral Component Interconnect, a local bus standard developed by Intel Corporation. ~~For details, see~~ [http://www.webopedia.com/TERM/P/PCI.html and http://www.pcisig.com/home.]

[00<u>51</u>]   PDE – Page Directory Entry (provides physical page address of page table that contains an array of page table entries (PTE)).

[0010]   RDMA - Remote Direct Memory Access. ~~Interesting developments and relevant standards are described~~ at [http://www.rdmaconsortium.org/home.]

[00<u>53</u>]   SAN – Storage Area Network.